

REMARKS AND ARGUMENTS

Applicant's attorney would like to thank the Examiner for the careful consideration given to this case in the Office Action mailed January 24, 2005. Claims 1-40 are pending in the case.

The Examiner has allowed claims 1-16 and 26-40 and applicant's respectfully request that these be passed to issue.

The examiner has asked the applicant to show that Claims 17-25 are patentable in view of the Chatterjee reference. Claim 17 recites an on-line sensor, which the Chatterjee reference fails to show. Claim 17-25 are therefore patentable over the Chatterjee reference. Support in the applicant's specification for an on-line sensor to monitor a detectable property of the nanocrystals or reagents used to make or purify them can be found in paragraph [0048].

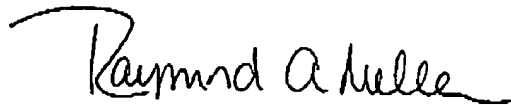
U.S. Serial No. 10/788,967
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CONCLUSION

In view of the remarks and arguments, it is believed that pending claims 17-25 are in condition for allowance and notice to such effect is respectfully requested. Although Applicant believes no fees are due, the Commissioner is hereby authorized to charge deposit account No. 50-0436 for any fees that may be due in connection with this response. Should the Examiner have any questions regarding this application, the Examiner is invited to initiate a telephone conference with the undersigned.

Respectfully submitted,

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